

Twitter Sentiment Analyzer

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Version: 2.0

USE CASE NAME:	Data Retrieval From Twitter	USE CASE TYPE Functional Requirements: <input checked="" type="checkbox"/>
USE CASE ID:	UC-2	
PRIORITY:	High	
PRIMARY ACTOR:	System	
OTHER PARTICIPATING ACTORS:	•	
OTHER INTERESTED STAKEHOLDERS:	•	
SHORT DESCRIPTION:	The software will connect to twitter servers and retrieve the data necessary	
PRE-CONDITION:	This is the second step of the program, so the preconditions are the user entering a search word and the system preprocessing the user input	
TRIGGER:	The user triggers this part, by entering the key word.	
TYPICAL COURSE OF EVENTS:	Actor Action	System Response
	Step 1: Connecting to Twitter Servers	Step 2: Retrieving Data Necessary
ALTERNATE COURSES:	The keyword entered might be a correct word but didn't return any results, like it would be in english alphabet but might not have any results.	
	The key word is random letters, so it is not a correct word, therefore it doesn't add up to a word, so the program will return no analysis.	
	In those cases we check if we were able to retrieve tweets, if not then we ask the user to type another key word.	
CONCLUSION:	In this part the software will connect to twitter server and authenticate, and then retrieve the data back to the program, and then move to phase 3 of the program.	
POST-CONDITION:	After retrieving the data, the program will start with the NLP sentiment analysis.	
BUSINESS RULES:		
IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:		
ASSUMPTIONS:		
OPEN ISSUES:	1.	